

LITTLE ROCK

Math / Grade 5 / Algebra Assessment

Name _____

Teacher _____ Period _____

1. Paul spent \$18 at the movies. If p = the amount of money he had before the movies, which expression represents the amount he had after the movies?

A. $p + \$18$
B. $p \times \$18$
C. $p - \$18$
D. $p \div \$18$

2. Jacob is the oldest child in his family. He is 5 years older than his brother Sam. If n = Sam's age, which expression below could be used to find Jacob's age?

A. $5n$
B. $5 - n$
C. $n + 5$
D. $n - 5$

3. Helen is 8 inches shorter than her older brother, Tom. Tom is 64 inches tall. Which algebraic expression below could be used to determine Helen's height?

A. Helen's height = $t + 8$ if $t = 64$ inches
B. Helen's height = $t - 8$ if $t = 64$ inches
C. Helen's height = $8 - t$ if $t = 64$ inches
D. Helen's height = $t \div 8$ if $t = 64$ inches

4. Evaluate $(25 \times 4) \div x$, if $x = 20$.

A. 120
B. 100
C. 5
D. 4

5. Use the following rule to complete the function table.

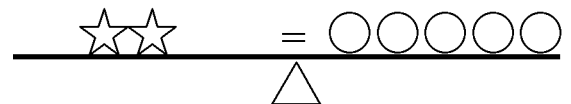
$$y = x + 7$$

x	4	9	20
y	11	16	?

What is the missing number?

A. 21
B. 27
C. 29
D. 32

6. On the balance scale below, what is the value of one star if the value of one circle is 2?



A. 2
B. 3
C. 5
D. 7

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Answer Key and Alignment

<u>Answer</u>		<u>Source</u>	<u>SLE</u>	<u>CC-Standard</u>
1.	C	TLI	A.5.5.2	
2.	C	TLI	A.5.5.2	
3.	B	TLI	A.5.5.3a	
4.	C	TLI	A.5.5.3b	
5.	B	TLI	A.4.5.2	
6.	C	TLI	A.5.5.1	5.OA.2